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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 9 January 2018 from the Permanent Mission of Chile to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Chile to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit information concerning the launch of the SUCHAI-1 standard nanosatellite from the Satish Dhawan Space Centre, India (see annex).

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Annex

Registration data on a space object launched by Chile*

SUCHAI-1

Name of the launching State	Chile
National designator	SUCHAI-1 (project of the University of Chile)
Committee on Space Research international designator	2017-036Z
Date of launch	22 June 2017
Location of the launch	Satish Dhawan Space Centre, India
Launch vehicle	PSLV (Polar Satellite Launch Vehicle) rocket
Basic orbital parameters (http://celestrak.com/NORAD/elements/cubesat.txt) (as at 2 January 2018)	
Orbit	low Earth orbit
Nodal period	5,676.02 seconds
Inclination	97.456 degrees
Apogee	512.1538 kilometres (altitude) 6,890.2980 kilometres (radius)
Perigee	486.3076 kilometres (altitude) 6,864.4446 kilometres (radius)
Type	Standard CubeSat nanosatellite (1U-10x10x10 centimetres)
Status	Active
Function of space object	Educational and scientific study of the atmosphere
Payload	Ionospheric plasma sensor, global positioning system, temperature sensors, gyro sensor, optical camera
Mass	0.9 kilograms
Propulsion	None
Radio spectrum band	Between 430 and 440 MHz (UHF)

* The registration data are reproduced in the form in which they were received.

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